

19990516.qrp v01_n459.qrl.990516

Date: Sun, 16 May 1999 19:03:18 EDT

From: qrp-l@Lehigh.EDU

To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>

Subject: QRP-L digest 1459

QRP-L Digest 1459

Topics covered in this issue include:

- 1) [40504] Re: Such is "Progress"... :-((Mouse-Key-Tears)
by Jim Larsen AL7FS <al7fs@pobox.alaska.net>
- 2) [40505] Pegasus: "Top 10 questions" ...
by "Radman" <radman@best.com>
- 3) [40506] QRP mobile?
by "George Goodroe" <goodroe@worldnet.att.net>
- 4) [40507] Re: 40-9'er questions
by sda <sda@bellsouth.net>
- 5) [40508] Re: 40-9'er questions
by Tony Breathnach <ei5em@indigo.ie>
- 6) [40509] Re: Any comments on these antennas
by N7YA@aol.com
- 7) [40510] Antennas
by Mike Kuehn <w9ky@iquest.net>
- 8) [40511] Re: Such is "Progress" ... :-(
by "David Ek" <ekdave@earthlink.net>
- 9) [40512] Re: Pegasus bashers
by "Walter D. Amos" <waltk8cv@mpdr0.detroit.mi.ameritech.net>
- 10) [40513] qrp on TS-940S
by "JEFFREY MICHAEL POULIN" <jpoulin@erols.com>
- 11) [40514] Re: qrp on TS-940S
by Paul Erickson <paule@sfu.ca>
- 12) [40515] SoCal CWPn Update
by "Samuel A. Falvo II" <kc5tja@dolphin.openprojects.net>
- 13) [40516] Re: April QRP Quarterly Arrives in NNJ!
by "T.J. \"SKIP\" Arey N2EI" <tjarey@home.com>
- 14) [40517] SoCal CWPn Update 2
by "Samuel A. Falvo II" <kc5tja@dolphin.openprojects.net>
- 15) [40518] CW filter on sale
by WD6BOR@aol.com
- 16) [40519] Soldering station on sale.
by WD6BOR@aol.com
- 17) [40520] Now I'm DXing...
by sda <sda@bellsouth.net>
- 18) [40521] Ever notice...
by Tim Pettibone <tpettibo@NMSU.Edu>
- 19) [40522] Rainbow + Case + Add-on Kit still for sale

by sda <sda@bellsouth.net>
20) [40523] Re: LED night light?
by "George T. Baker" <w5yr@swbell.net>
21) [40524] Re: Pegasus: "Top 10 questions" ...
by "George T. Baker" <w5yr@swbell.net>
22) [40525] Re: SoCal CWPN Update 2
by "Samuel A. Falvo II" <kc5tja@dolphin.openprojects.net>
23) [40526] ARCI Hootowl Sprint Rules (5/30/99)
by Joe Gervais <vole@primenet.com>
24) [40527] Re: 40'9er
by "Greg Heath" <KB2QQM@email.msn.com>
25) [40528] Re: qrp on TS-940S
by Dave Sjolin <sjolin@swbell.net>
26) [40529] Re: Ever notice...
by "Bill Todd" <bill@willapabay.org>
27) [40530] Traveling to Santa Clara
by "Charles W. Sanders" <no5w@flex.net>
28) [40531] Re: Ever notice...
by Elekktron1@aol.com
29) [40532] Re: Good stuff at Dayton QRP Central
by "L. B. Cebik" <cebik@utkux.utcc.utk.edu>
30) [40533] Re: Pegasus: "Top 10 questions" ...
by "L. B. Cebik" <cebik@utkux.utcc.utk.edu>
31) [40534] RE: Such is "Progress" ... :-(
by "Michael St. Angelo" <mstangelo@worldnet.att.net>
32) [40535] RE: QRP mobile?
by "George Goodroe" <goodroe@worldnet.att.net>
33) [40536] Re: qrp on TS-940S
by Paul Erickson <paule@sfu.ca>
34) [40537] Re-Discovered Shortwave with a Regen
by Craig LaBarge <wb3gck@yahoo.com>
35) [40538] Mounting ICs Manhattan Style?
by Craig LaBarge <wb3gck@yahoo.com>
36) [40539] Travle Advice Needed
by E L D <wd7y@pyramid.net>
37) [40540] Pegasus Detractors
by Bill Jones <kd7s@psnw.com>
38) [40541] The IC756 and FT1000...
by Stephane Collas <scollas@club-internet.fr>
39) [40542] Re: Pegasus Detractors
by david fouchey <dafouchey@home.com>
40) [40543] Re: Travel Advice Needed
by "Karl B. Staddon" <ve6kbs@agt.net>
41) [40544] I DO-DID-IT --- WITH WIRE / ROPE / TREES
by hamjoel@juno.com
42) [40545] FIREBALL RUN I
by Ken Newman <N2CQ@citnet.com>
43) [40546] Re: Pegasus Detractors

by Clay N4AOX <wyn@worldnet.att.net>
44) [40547] Fireball Run
by "wn6hyx" <mcherry@calweb.com>
45) [40548] Re: Re-Discovered Shortwave with a Regen
by "Paul Harden, NA5N" <na5n@rt66.com>
46) [40549] Paul - W9AC's - Pegasus update...
by "Radman" <radman@best.com>
47) [40550] Re: Re-Discovered Shortwave with a Regen
by "Harry T. Hurst, WA3PTG" <hhurst@delaware.infi.net>
48) [40551] Re: Pegasus Detractors
by "Harry T. Hurst, WA3PTG" <hhurst@delaware.infi.net>
49) [40552] Manhattan Style IC Pads
by ki6ds@dpol.k12.ca.us (Hendricks, Doug)
50) [40553] Re: Pegasus Detractors
by "Bob Duckworth" <wb4mnf@atl.org>
51) [40554] FT1000...
by Stephane Collas <scollas@club-internet.fr>
52) [40555] Pegasus & Luddites
by "Frank Emens" <femens@advicom.net>
53) [40556] Re: Re-Discovered Shortwave with a Regen
by "ALAN KAUL" <alan.kaul@worldnet.att.net>
54) [40557] Re: Pegasus Detractors
by david fouchey <dafouchey@home.com>
55) [40558] Re: Paul - W9AC's - Pegasus update...
by Hal Maney <hmaney@earthlink.net>
56) [40559] Help:Opinions on RX 3-amp supply
by "Wilford D. Lindsey" <70511.3041@compuserve.com>
57) [40560] AW: Good stuff at Dayton QRP Central
by "Peter Zenker" <Peter_DL2FI@csi.com>
58) [40561] Post Apology
by W5HNS@aol.com
59) [40562] Re: Help:Opinions on RX 3-amp supply
by "Radman" <radman@best.com>
60) [40563] Texas QSO Party Route:WA8GHZ
by W5HNS@aol.com
61) [40564] Address for K0EVG
by Wa2ocg@aol.com
62) [40565] I get "Bugged" at Dayton '99 and other random thoughts
by mahlon.r.haunschild@ac.com
63) [40566] Re: regens
by "Steven Weber" <kd1jv@moose.ncia.net>
64) [40567] Bristol
by PHILLIPS RICHARD <phillips@msoe.edu>
65) [40568] DOS PSK31
by PHILLIPS RICHARD <phillips@msoe.edu>
66) [40569] Who had the B&W antenna?
by "Arch Jenkins" <beaks@westco.net>
67) [40570] Re: Ever notice...

- by Brian Short <bshort@speedchoice.com>
- 68) [40571] I get "Bugged" at Dayton '99 and other random thoughts (reprise)
by mahlon.r.haunschild@ac.com
- 69) [40572] Tokyo Hy-Power HT 750; qrp ht review
by Tom M <tjmc@erols.com>
- 70) [40573] Re: Regens
by "Tony Fishpool" <g4wif@btinternet.com>
- 71) [40574] On The Road Again
by "Richard Arland" <r_arland@hotmail.com>
- 72) [40575] Re: Paul - W9AC's - Pegasus update...
by "Bob Duckworth" <wb4mnf@atl.org>
- 73) [40576] Regens - again
by "Graham Firth" <Graham.Firth@BTinternet.com>

Date: Sat, 15 May 1999 15:00:00 -0800
From: Jim Larsen AL7FS <al7fs@pobox.alaska.net>
To: w4bws@juno.com
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [40504] Re: Such is "Progress"... :-((Mouse-Key-Tears)
Message-ID: <373DFC70.A4CBC469@pobox.alaska.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Check out <http://www.qsl.net/al7fs/QRPTTF1999.html>

Mouse works great!!

73, Jim, AL7FS
<http://www.qsl.net/al7fs/>
<mailto:al7fs@qsl.net>
Anchorage, Alaska

w4bws@juno.com wrote:
> Will the mouse double as a keyer paddle too?
> Who will be the first to claim QRP DXCC mouse keyer -

Date: Sat, 15 May 1999 16:38:58 -0700
From: "Radman" <radman@best.com>
To: <tentec@contesting.com>, "Paul Christensen" <paulc@mediaone.net>
Cc: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [40505] Pegasus: "Top 10 questions" ...
Message-ID: <199905152336.QAA25930@proxy4.ba.best.com>

MIME-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Folks,

Both Paul Christensen and I have posted early previews/reports on TEN-TEC's new Pegasus transceiver. My mailbox is **filled** with follow-up questions on Pegasus. Since my preview was a "virtual tour" of Pegasus, from my home in CA, and Paul is "really" at Dayton '99, he's in the best position to answer the in-depth questions. I'll summarize what I've been asked and perhaps Paul can post a general message to both the T-T reflector and QRP-L. Paul's a great writer, loves Pegasus and he bought serial number 00001 !

Paul, I hope I didn't put you on the spot :-))

Here we go:

- 1.) Does Pegasus have an internal antenna tuner (ATU) ?
- 2.) Can you use Pegasus in a mobile environment with a notebook computer ?
- 3.) Is it legal to use a notebook computer in an automobile as an interface to any radio?
- 4.) Can you operate PSK31 and other digital modes without "disrupting" the Pegasus interface ?
- 5.) Can you run contesting software, such as TR-LOG while operating Pegasus?
- 6.) Is it possible to "control" Pegasus over common telephone lines -- remotely, as is the case with Kachina?
- 7.) Are all of the DSP filters used at ONE IF frequency -- if so what is that freq?
- 8.) When will Pegasus be reviewed in QST?
- 9.) What **specifically** has T-T done in Pegasus that Kachina has **not** already done? Differentiators?
- 10.) Has T-T made any mention of a "real" Pegasus transceiver -- all Pegasus features in a case with front panel and knobs?

Comments: The enormity of e-mail I've received has been **very** enthusiastic and in favor of the virtual Pegasus. Other folks are keenly interested in TEN-TEC's technical prowess in the emerging world of DSP transceivers, but favor a conventional user interface with a real front panel and real knobs. And, there's a third group that

feels Pegasus -- virtual or real -- represents true future of amateur/wireless communications and Pegasus should be embraced as a new "architecture" that could pave the way for a new class of amateur communication that we can only imagine at this stage of development. One thing is clear -- TEN-TEC has stirred the pot with Pegasus !

73,

Conrad Weiss - NN6CW

Date: Sat, 15 May 1999 19:50:23 -0400
From: "George Goodroe" <goodroe@worldnet.att.net>
To: "Qrp-L@Lehigh.Edu (E-mail)" <qrp-l@Lehigh.EDU>
Subject: [40506] QRP mobile?
Message-ID: <000201be9f2e\$06ad8660\$9ffefea9@ggoodroe>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

I hooked up a new MFJ 9040 in my truck and noticed right away that without some kind of noise blanker it will likely not be useable unless I am parked.

Is it possible to hook up a noise blanker and use it sucessfully driving mobile with an MFJ 9040?

If so...where is the noise blanker hooked up?

Also, are there any schematics available for a noise blanker?

73 de KF4CPJ
George Goodroe, QRP-L #1943
St. Petersburg, Florida USA
80 Meter high noise capital of the USA <grin>
<http://home.att.net/~goodroe>
<http://www.qsl.net/kf4cpj>

Date: Sat, 15 May 1999 18:59:31 -0500
From: sda <sda@bellsouth.net>
To: KB2QQM@email.msn.com
Cc: qrp-l@Lehigh.EDU

Subject: [40507] Re: 40-9'er questions
Message-ID: <199905152358.TAA11868@mail2.lig.bellsouth.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Greg:

I had the same issue with the smite + tick. What I did was to use a voltage regulator (78L05) and two 1uf tantalum capacitors. Just hook the 78L05 up to the + rail on the 49er and go from there. Email me for more details if needed.

Todd Atkins, K4MSW
Baton Rouge, Louisiana
<http://www.qsl.net/k4msw>

At 06:17 PM 5/15/99 -0400, you wrote:

>I have a forty niner, and I lost the instructions(bad dog!)
>. I am adding a new case, along with a tick keyer. The tick
>keyer says you can use 3 to 5 volts or 12 volts on the
>input. My dilemma is, can I run the tick and 40'9er off of
>12 volts, or should I use 2 separate power sources. One for
>the keyer 3 volts(i.e....a 3v watch battery) and one for the
>40'9er with a 9volt battery. Any ideas or anywhere on the
>net I can go for notes about the 40'9er??
>thanks in advance. Greg
>

Date: Sun, 16 May 1999 00:59:30 +0100
From: Tony Breathnach <ei5em@indigo.ie>
To: KB2QQM@email.msn.com
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [40508] Re: 40-9'er questions
Message-ID: <373E0A61.EADB7887@indigo.ie>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Greg,

A good general tip for dropping voltages is to use a string of general purpose silicon diodes in series. each will drop approx 0.6 Volts. So if you wanted 4 Volts from a 12 V supply you would need to drop 8 V. A rough calculation to start with would be 13 surplus diodes in series.(13

X 0.6 = 7.8). Depending on characteristics of diodes, you might need to add or subtract one or two. This may not be a direct solution to your problem, but unless you get the exact info, it might be worth trying if you have no suitable Zener to hand.

Tony

Date: Sat, 15 May 1999 20:02:35 EDT
From: N7YA@aol.com
To: qrp-l@lehigh.edu
Subject: [40509] Re: Any comments on these antennas
Message-ID: <c22953cd.246f651b@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

In a message dated 5/12/99 4:27:58 PM Pacific Daylight Time,
bigdawg74@juno.com writes:

<< 1. Triband beam 2. Two element quad 3. Six element Log Periodic
>>

The Tribander is a great all-around directional beam, good for the upper bands.

The Quad is great too, but it isn't a tough physical player...when the weather gets tough, the Quad gets folding. but its main advantage over the beam is in rainy regions. it remains quiet, whereas the Tribander will be wrought with noise from rain static, so much that often times hams will shut it down on rainy days.

The Log is best suited for receiving, the military and federal branches have them in use all over the place for that purpose.

I know im no Lew McCoy by ANY means, but these are just some little sidenotes to these antennas that i know about, hope it helps and good luck.

73...Adam, N7YA

Date: Sat, 15 May 1999 19:08:09 -0400
From: Mike Kuehn <w9ky@iquest.net>
To: qrp-l@lehigh.edu
Subject: [40510] Antennas
Message-ID: <373DFE59.E8840BC1@iquest.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii

Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Could someone direct E-mail me the address for an antenna reflector ???
With the different discussion groups around,
I have yet to find one geared to antennas. So if there is one, the
info would be appreciated.

Tnx
Mike W9KY

Date: Sat, 15 May 1999 18:18:15 -0600
From: "David Ek" <ekdave@earthlink.net>
To: <qrp-l@Lehigh.EDU>
Subject: [40511] Re: Such is "Progress" ... :-(
Message-ID: <000801be9f31\$98af6d00\$4fa3fc9e@davidek>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Hey, don't laugh--I use mouse paddles exclusively with all my QRP kit rigs.
(For any of you who've worked me, that may explain a lot of things.... ;-)

72 de Dave AB0GO

>>
>> Will the mouse double as a keyer paddle too?
>
>This has been done many times. Best choice is an
>ergonomic mouse.

Date: Sun, 16 May 1999 01:24:38 +0100
From: "Walter D. Amos" <waltk8cv@mpdr0.detroit.mi.ameritech.net>
To: "Samuel A. Falvo II" <kc5tja@dolphin.openprojects.net>
Cc: Qrp-l Posts <qrp-l@lehigh.edu>
Subject: [40512] Re: Pegasus bashers
Message-ID: <373E1046.8B737DC9@mailhost.det.ameritech.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii

Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Sammy

I was FACE TO FACE WITH PEGASUS today in Dayton! It will not destroy your world, keep working and paying S.S. so I can eat! It is supposed to do cw well. It is a TenTec. K-2 was promised in two weeks. W9GR dsp 3 looked VERY GOOD. The battery for my laptop is \$149 dollars, I did NOT buy one! Got the latest version of WF1B RTTY SOFTWARE (ver 4.4). Saw the Yaesu FT-100 and the SGC-2020 both seemed nice. Saw the German 33' black graphite pole, neat but expensive! Nice if there are no trees. :-)
Watched in RAPTURE as a "old time carnival barker" shilled the suckers and sold lexmark printers to them one right after another, unbelievable crafty bugger, with dollar bills around his neck! They were all gone and the SUCKERS MISSED OUT , but wait, he goes out to the truck and finds 7 more and sells them :-)
Got am 8 - 25 pf trimmer cap so will have to build something around it. How about a 2n2/40? I am K-2 customer # 238 and Lirma talked sweet to me, smiled and said it will ship soon! I believed her. :-)
Eric smiled, we all smiled, all the folks looking at the K-2 smiled, total rapture did not set in, but I did believe soon Eric said as we wandered on. Cathy at S&S said the vapor all band rig will become REAL again soon, not real soon but soon! Cathy looked stunning in her black , strapless , something or other but you could detect the FORCE in there. Soon :-)
I did not worship at the porcelain bowl from eating BROTS the force was with me. Two LARGE coated aspirin (500mg) kept GEEZERHOOD down and the guys in white traveling the flee market in golf carts off my BODY! My ZOMBIE badge was admired with each pass they made, by my slow pace to the front by the BROT line to get on bus # 1 and journey across Dayton to the high and exalted SALEM MALL and exit north in our FORD F-150 with thoughts of PEGASUS in our minds and the fact that it will be more like a DELTA II than an omni6+ but a cut above the SCOUT 555, no fan, but a nice big heat sink on the back and a price that even someone such as I on S. S. could afford. No rain, crowds down, but quite busy by the late afternoon. Ah, that frosty at WENDIE'S tasted good, after we left Dayton behind for the FROZEN NORTH COUNTRY OF MICHIGAN. :-)
Time to shower and remove the smell of it all

Wally Baloooooooooooooooooooo

Date: Sat, 15 May 1999 21:45:53 -0400
From: "JEFFREY MICHAEL POULIN" <jpoulin@erols.com>
To: <qrp-1@lehigh.edu>
Subject: [40513] qrp on TS-940S
Message-ID: <199905160144.VAA09913@smtp1.erols.com>

MIME-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

I'm asking this for a friend who is becoming intrigued with my tales of QRP accomplishments (which are not unusual), Can he tune his Kenwood TS-940S down to QRP or even QRPP levels? Apparently his manual doesn't indicate how low the output can be set. Feel free to reply direct. Thanks for any help.

72, Jeff KF4JSV QRP-L # 743 FISTS # 5497

Date: Sat, 15 May 1999 19:03:45 -0700 (PDT)
From: Paul Erickson <paule@sfu.ca>
To: jpoulin@erols.com
Cc: qrp-l@lehigh.edu (qrp)
Subject: [40514] Re: qrp on TS-940S
Message-ID: <199905160203.TAA05713@fraser.sfu.ca>
MIME-Version: 1.0
Content-Type: text/plain; charset=US-ASCII
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

>
> I'm asking this for a friend who is becoming intrigued with my tales of QRP
> accomplishments (which are not unusual), Can he tune his Kenwood TS-940S
> down to QRP or even QRPP levels? Apparently his manual doesn't indicate how
> low the output can be set. Feel free to reply direct. Thanks for any help.

>
> 72, Jeff KF4JSV QRP-L # 743 FISTS # 5497
>

Hi Jeff,

Have him turn the front panel power control down to whatever powerlevel he wants. I run my 940's at qrp levels all the time.

cheers, Paul - VE7CQK - email: paule@sfu.ca

Date: Sat, 15 May 1999 19:04:41 -0700
From: "Samuel A. Falvo II" <kc5tja@dolphin.openprojects.net>
To: qrp-l@lehigh.edu
Subject: [40515] SoCal CWPW Update
Message-ID: <19990515190441.A30668@dolphin.openprojects.net>

Mime-Version: 1.0
Content-Type: text/plain; charset=us-ascii

I know it's still two hours early for the SoCal CWPB at the time of my writing this message, but the *ONE* day that I decide to hold a net, some dolt just HAS to turn up a BC station on 7125... ;)

Folks, if you're going to check into the CWPB, please check 7125 first. If you don't hear anything /please/ scan up and down the band. I /definitely/ will be between 7100 and 7135, as that's all my radio can tune. I can't predict what frequency is going to be used because of possible interference. As just indicated, 7125, which is usually a clear spot for me, is now blasted with interference.

The two logical areas so far are down around 7100 (which is often populated by digital mode operators), or 7135 which, for a change, is currently open right now.

If you have relatively narrow CW filters, those will help out a lot.

<fecitious>
(Oh, *I* get it. Mr. PHB decided to move his station's frequency from 7135 to 7125....cute.)
</fecitious>

Thank you, and I apologize for the inconvenience.

```
=====
      KC5TJA/6      |                      -| TEAM DOLPHIN |-
          DM13      |                      Samuel A. Falvo II
      QRP-L #1447   |                      http://www.dolphin.openprojects.net
      Oceanside, CA |.....
```

Date: Sat, 15 May 1999 23:09:10 -0400
From: "T.J. \"SKIP\" Arey N2EI" <tjarey@home.com>
To: njqrp@NJQRP.ORG
Cc: QRP-L <qrp-l@lehigh.edu>
Subject: [40516] Re: April QRP Quarterly Arrives in NNJ!
Message-ID: <373E36D6.E18A7D9D@home.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Got mine too. Very nice issue.

Brian J Keegan wrote:

>
> Got my April QRP Quarterly yesterday. Looks like another winning issue.
>
> Thanks to all who contribute to and put this thing together for us. QRP
> Quarterly is truely one of THE best parts of being a QRPer.
>
> Brian KF2HC
>
> ===== NJ QRP Club Mailing List =====
> To unsubscribe from this list, send email to listserver@vramp.net
> and put the text "unsubscribe njqrp" in the message. To post a
> message to the list, send email to njqrp@njqrp.org.

--

+++++

T.J. "SKIP" AREY N2EI e-mail tjarey@home.com

Website <http://members.home.net/tjarey>

Snail Mail: PO Box 236, Beverly, NJ 08010

Specialization is for insects! LAZARUS LONG

Date: Sat, 15 May 1999 20:47:19 -0700
From: "Samuel A. Falvo II" <kc5tja@dolphin.openprojects.net>
To: qrp-l@lehigh.edu
Subject: [40517] SoCal CWPn Update 2
Message-ID: <19990515204719.A30930@dolphin.openprojects.net>
Mime-Version: 1.0
Content-Type: text/plain; charset=us-ascii

Every 15 minutes, I'll be switching between 7125 and the /vicinity/ of 7100.
Reason? Nobody's responding at 7125 frequency, and there's a BC station in
that area. I'm thinking that may be the problem.

Anyway, back to the net that wasn't... ;)

=====

KC5TJA/6		- TEAM DOLPHIN -
DM13		Samuel A. Falvo II
QRP-L #1447		http://www.dolphin.openprojects.net
Oceanside, CA		

Date: Sat, 15 May 1999 23:49:32 EDT
From: WD6BOR@aol.com
To: qrp-1@lehigh.edu
Subject: [40518] CW filter on sale
Message-ID: <6619d165.246f9a4c@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

I'm not sure if this has been posted already, but Techamerica has a number of ham related items on sale now through May 31. The first is their item #990-0287, the CW filter that Richard Fisher, KI6SN, built and reviewed in Worldradio. The kit is \$9.97, with a matching case, #990-0288, is on sale for another \$9.95. The completed board is 1-3/4" x 3-1/2" x 3-1/2". The kit uses a quad op-amp LM747 and cascades four selectable filter stages for filter bandwidths of 80, 110 and 180 Hz. They have another kit, #990-0285, advertised as an all-mode filter for \$19.95. The case for this kit, #990-026, is \$14.95. The kit uses two TL084 low noise quad op-amps and a LM380 audio amplifier. It is advertised as a tunable notch/peak filter with adjustable bandwidth of from 80 Hz up. I picked up one of each kit just to see how they work and also bought the case for the CW filter since it was also on sale. I use Ten Tec cases for most of my home brew projects and will use one for the all mode filter. They also have an eight pole SSB filter with selectable 2.5, 2.0 and 1.5 kHz bandwidth. All kit are made by Vectronics. The catalog code is EBBC3 and the phone number is 1-800-877-0072. The Techamerica web site is at www.techam.com.

72,
Darrel, WD6BOR

Date: Sat, 15 May 1999 23:49:35 EDT
From: WD6BOR@aol.com
To: qrp-1@lehigh.edu
Subject: [40519] Soldering station on sale.
Message-ID: <5a19cdea.246f9a4f@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

MCM Electronics has temperature controlled soldering stations on sale now through May 28. The soldering station is a Tenma, catalog number 21-147, and is \$49.95. I use the Tenma soldering station with the digital readout in my electronics class but this one uses a LED bar graph for temperature readout.

Both stations are basically the same with a 48 watt max temperature controlled iron. The replacement irons run between \$11 and \$12, and the tip are under three dollars each. I have gotten very good service from these stations over the past couple of years and use one on my own bench. MCM occasionally has their digital station on sale for \$59.95 to \$69.95, but they are not always advertised in all the magazines. I find their ads in Electronics Now, Popular Electronics and Nuts & Volts. MCM's phone number is 1-800-543-4330, and the source code for this sale is ENS58.

They also have a multi-voltage power supply that is advertised to supply 3, 4.5, 6, 7.5, 9 and 12 volts at "up to" two amps. I am going to buy some for the students use on the bench, but I don't know how "regulated" the voltages will be for \$9.95. The catalog number for the power supplies is #28-220. As mentioned, the sale prices are good until May 28.

72,
Darrel, WD6BOR

Date: Sat, 15 May 1999 23:21:06 -0500
From: sda <sda@bellsouth.net>
To: qrp-1@Lehigh.EDU
Subject: [40520] Now I'm DXing...
Message-ID: <199905160409.AAA14239@mail4.lig.bellsouth.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Thanks again to everyone who encouraged me on the DX issue. I worked Oscar, Y02BF in ROMANIA tonight on 14.050 at 5W on the NC20. Had to QRS him a few times, but prior to calling him, I just listened to the other stations signing his call and got it about the 3rd time I heard it. Wonder if it's worth calling "CQ DX" on the KNiGHTSMiTe? heh.

Mind blown,

Todd Atkins, K4MSW
Baton Rouge, Louisiana
<http://www.qsl.net/k4msw>

Date: Sat, 15 May 1999 22:20:43 -0600
From: Tim Pettibone <tpettibo@NMSU.Edu>
To: qrp-1@lehigh.edu
Subject: [40521] Ever notice...
Message-ID: <199905160420.WAA40530@nestor.NMSU.Edu>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Gang:

Ever notice how quiet it is when the "big mouths" are at Dayton? Actually I'm jealous. It's just that I had to stay here to shake the hands of over 400 graduate students getting their advanced degrees! I'm going to Arlington though...

Tim K5OI
Las Cruces, NM

Date: Sat, 15 May 1999 23:23:37 -0500
From: sda <sda@bellsouth.net>
To: qrp-1@Lehigh.EDU
Subject: [40522] Rainbow + Case + Add-on Kit still for sale
Message-ID: <199905160423.AAA29870@mail2.lig.bellsouth.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Had a taker last time but he backed out. Reposting:

Since I now have the ZM-2 tuner, I decided I won't be needing the Rainbow Tuner anymore. Will sell it for what I have in it:

Rainbow tuner kit, 95% finished, includes all original parts + panel mount air variable cap, +12V (tiny) battery which is mounted on the PC board w/ battery holder. Also includes the AWESOME custom case made by Doug Hauff, KE6RIE. Includes original manual, switches, BNC connector, and banana plug jacks are already mounted in the case, they just need to be wired to the PCB. As if that wasn't enough, I will throw in an unbuilt rainbow tuner add-on kit that extends the range of coverage.

Price: \$80 (Shipping included for lower 48 states)

Or, maybe trade for something of comparable value.

72

Todd Atkins, K4MSW
Baton Rouge, Louisiana

<http://www.qsl.net/k4msw>

Date: Sat, 15 May 1999 23:32:38 -0500
From: "George T. Baker" <w5yr@swbell.net>
To: w4bws@juno.com
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [40523] Re: LED night light?
Message-ID: <373E4A66.8EF807AB@swbell.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Back in the 60's when I was doing a lot of night flying, I had a single red "floodlight" in the ceiling of my Cessna that illuminated the instrument panel, etc. After being in the cockpit for only a few minutes, one could see almost as well as in the daylight although the illumination level was quite low. Of course, the outside 'night vision' was excellent without a bright white cockpit.

QRP connection: it was a QRP light!

Red light works!

--

72/73, George

Amateur Radio W5YR, in the 53rd year and it just keeps getting better!
AutoPOWER Systems, Fairview, TX (30 mi NE Dallas) Collin County
QRP-L QRP-ARCI FISTS NORCAL ZOMBIE #522 ARS 10-X 33.2 N 96.6 W EM13RE

Date: Sat, 15 May 1999 23:55:18 -0500
From: "George T. Baker" <w5yr@swbell.net>
To: radman@best.com
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>

Subject: [40524] Re: Pegasus: "Top 10 questions" ...

Message-ID: <373E4FB6.3CC92059@swbell.net>

MIME-Version: 1.0

Content-Type: text/plain; charset=us-ascii

Content-Transfer-Encoding: 7bit

Content-Transfer-Encoding: 7bit

Conrad, to shed a little light on a couple of points, I am running concurrently the control program for the Icom PCR-1000 receiver, the GNR PSK front-end program and PSK31, all on one computer in individual windows. No problems and no observable performance issues.

There is no problem with multi-tasking among these programs, provided that one has adequate computer horsepower. In fact, right now, I am running the three above-mentioned programs, plus Netscape, plus the Street Atlas 6.0 mapping program! All on a Gateway Pentium II 300 MHz computer with 128 megs of ram. No conflict or 'slow' operation at all.

I run PSK31 and the GNR program on my Micron laptop (133 Pentium and 32 meg ram) in the ham shack concurrently to operate PSK31 with my IC-765. I also run a CI-V transceiver control program to tune, etc. the 765 from the computer. And also the AEA packet/rtty control program which can call for CD-ROM qth lookups from the ARRL Call Book CD. .Again, no traffic jams or problems even with that relatively 'weak' little machine.

If the Pegasus control program is properly written for the Windows environment, there should be no problem operating it in conjunction with a reasonable number of other concurrent programs, assuming only that the computer has adequate resources.

The PCR-1000 is proving to be an outstanding little radio for PSK, especially with its 1-Hz digital tuning rate. I use it with this office machine to monitor PSK operations while away from the shack. I routinely copy virtually inaudible signals using only a 20 ft piece of wire laying on the office floor for an antenna. In a couple of ways, the little Icom computer radio is serving for me as a precursor to Pegasus which I hope to operate soon!

Thanks again, Conrad, for being the messenger on this one.

--

72/73, George

Amateur Radio W5YR, in the 53rd year and it just keeps getting better!
AutoPOWER Systems, Fairview, TX (30 mi NE Dallas) Collin County
QRP-L QRP-ARCI FISTS NORCAL ZOMBIE #522 ARS 10-X 33.2 N 96.6 W EM13RE

Date: Sat, 15 May 1999 21:55:00 -0700
From: "Samuel A. Falvo II" <kc5tja@dolphin.openprojects.net>
To: Macstein@aol.com
Cc: qrp-l@lehigh.edu
Subject: [40525] Re: SoCal CWPW Update 2
Message-ID: <19990515215500.B30930@dolphin.openprojects.net>
Mime-Version: 1.0
Content-Type: text/plain; charset=us-ascii

> Did I miss the time? I thought 0430 utc. That's 15 mins from now here.
> I'll go listen, but it will be a long shot here from FL. (grin) I can only
> go down to 7.103 with my NC40a. So... use the rit if you have it installed
> in your SW40+.

It's an hour past at the time I'm writing this e-mail. :-)) Our clocks must be half-hour off. I continued to call after my QSO with Jim, K6JMB, has ended, but nobody responded. So I closed the net. The net lasted a total of an hour and a half.

> This is a fine idea, don't get discouraged. I've worked Mary in the Novice
> band before, and have multiple CA contacts (but most were down on the General
> part of the band.) Keep at it! I'd LOVE to check in and help.

There are many factors which have conspired to my not "getting out." All of which I'm well aware of, but, being a rush job, I paid the price for it.

1) 7125, while open to me, is apparently NOT open to others. I got blasted with QRM from a BC station early on in the net's opening calls, but it later cleared up for me. I mean totally dead, except for atmospheric noise. Thinking it was open again, I decided to stay on 7125. Almost immediately, Jim responded.

K6JMB, for instance, who is the ONLY person to check into the net for an entire hour, reported extensive QRM and QSB combined, making it impossible for him to copy me. Seeing as how nobody else joined in, it's quite likely they had the same problems in hearing me (especially with a 150mW signal going out! See below.)

More research and experimentation will be necessary to find a more suitable frequency and time.

2) I'm using an indoor antenna. I would really like to use an outdoor antenna, and I'm thinking of using an end-fed antenna with a low-to-high impedance matching device to match it (something akin to the Rainbow tuner), if I can find the parts. One end of the antenna will be shot over to a tree across the walkway from my apartment, and the other end will terminate at my window sill.

- 3) I'm sitting right next to the antenna -- this means I'm getting irradiated with 40m RF. Not enough to really hurt me, but I'm still absorbing some of the RF, and distorting its emission pattern.
- 4) My apartment complex is a virtual Faraday cage -- it's constructed from rebar-reinforced concrete.
- 5) Nobody even heard me call until after I jury rigged a shorter feedline to the antenna (was a 100ft cable, now it's roughly 5ft). So I will need to make a shorter feedline for the antenna.

The fact that I was able to hit Colorado a few days ago was a miracle. I expect my ERP was no more than 150mW, combining all the factors listed above, and as such today as well.

Thank you everybody for trying to check in. I'm still pretty rough at this net thing, but I'm learning, and it was enjoyable all the same.

```
=====
      KC5TJA/6      |                      -| TEAM DOLPHIN |-
      DM13         |                      Samuel A. Falvo II
      QRP-L #1447   |                      http://www.dolphin.openprojects.net
      Oceanside, CA |.....
```

Date: Sat, 15 May 1999 21:56:10 -0700 (MST)
From: Joe Gervais <vole@primenet.com>
To: qrp-l@Lehigh.EDU
Cc: vole@primenet.com
Subject: [40526] ARCI Hootowl Sprint Rules (5/30/99)
Message-ID: <199905160456.VAA27029@usr04.primenet.com>

Howdy Folks!

(Yes, way behind on email - thanks for your patience. :-()

Sorry for my total lack of existence. Work work work. Ack!
Need to surface just long enough to send out the rules for
the ARCI Hootowl Sprint at the end of the month (May 30th).
Four hours of QRP fun, with the catch that the operating
times are *local*.

Unfortunately for you DX ops, that can be a REAL bummer, so
we're going to try a short-notice experiment. DX OPS (including
AK and HI) will be allowed to work ANY FOUR CONTIGUOUS HOURS
between May 31 0001Z to 0700Z. That time period should coincide

with the operating spread between East- and West-coast local time periods.

Now before anyone starts griping, DX is in its own category. No harm done, eh? ;-). And hopefully I didn't end up just confusing everybody.

I love the sprints - short, sweet, immediate QRP fix on a Sunday night. One last gasp of fun and smiles before Monday hits us all like a stomach flu on a tropical vacation. ;-)

Hope to work you on the 30th! Thanks to Bob N4BP rescuing my QRP+, I'll be on as many bands as I can, looking to work every sig landing on my QTH.

Summary sheet to follow soon, and all of this will end up on the ARCI website <<http://www.qrparci.org>> too. (Thanks Dave!)

Happy weekend!

Cheers de AB7TT,

-Joe, vole@primenet.com, ARCI Contest Critter-At-Large

"If it ain't fun, you ain't doin' it right!" -The AZ ScQRPions

=====

ARCI Hootowl Sprint

Date/Time: May 30, 1999; 8:00 PM to Midnight (LOCAL TIME).

NOTE: DX OPS (Incl. HI/AK) WORK *ANY* 4 CONTIGUOUS HOURS
between May 31 0001Z-0700Z

Mode/Bands: HF CW. Work stations once per band for QS0/SPC credit.

Categories:

- All-Band
- Single Band (Specify)
- High Bands (20M and higher)
- Low Bands (40M and lower)
- Multi-Op
- DX

Exchange: RST, State/Province/Country, ARCI# (non-members send power out).

QSO Points:

- Member = 5 pts.
- Non-Member, Different Continent = 4 pts.
- Non-Member, Same Continent = 2 pts.

Multiplier:

- SPC totals per band.
- Power: >5W = X1, 1W-5W = X7, 250mW-<1W = X10, <250mW = X15.

Score:

QSO Points X SPC Total X Power = Final Score

Entries:

Entry must include copy of log and completed summary sheet.
Include name, QTH, callsign(s) of op(s), and station description.
Entries must be received within 30 days of contest date.
Email ASCII-text logs to <vole@primenet.com> or mail to:

Joe Gervais, AB7TT
ATTN: Hootowl Sprint
PO Box 322
Peoria, AZ 85380-0322

All decisions of the Contest Critter are final. Unless you
have pizza to offer, in which case I'm always listening. ;-)

Date: Sun, 16 May 1999 01:00:38 -0400
From: "Greg Heath" <KB2QQM@email.msn.com>
To: "QRP-L (SENDING ? TO QRP-L)" <qrp-l@Lehigh.edu>
Subject: [40527] Re: 40'9er
Message-ID: <086ee5501051059CPIMSSMTPU09@email.msn.com>

I have finally decided to run the 9 volt supply, or a couple
of 9volts in parallel, and run the tick off of a 3V lithium
flat battery, inserted in the case. Thanks to everyone
about supplying the pwr to the rig, and to the gentleman who
is sending me the instructions. There is "life" in the old
dog yet. Thanks. Greg.

Date: Sun, 16 May 1999 01:59:38 -0500
From: Dave Sjolin <sjolin@swbell.net>
To: jpoulin@erols.com
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [40528] Re: qrp on TS-940S
Message-ID: <373E6CDA.4143615B@swbell.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

JEFFREY MICHAEL POULIN wrote:

>
> I'm asking this for a friend who is becoming intrigued with my tales of QRP
> accomplishments (which are not unusual), Can he tune his Kenwood TS-940S
> down to QRP or even QRPp levels? Apparently his manual doesn't indicate how
> low the output can be set. Feel free to reply direct. Thanks for any help.
>
> 72, Jeff KF4JSV QRP-L # 743 FISTS # 5497

Your friend can crank the power down to 4 or 5 watts merely by turning the power control to fully counter clockwise position. Power can be reduced further by lowering the carrier level from the slide drawer on top of the radio (i.e., where vox controls are set).

73 de Dave, N0IT

Date: Sun, 16 May 1999 00:45:03 -0700
From: "Bill Todd" <bill@willapabay.org>
To: <tpettibo@NMSU.Edu>, "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [40529] Re: Ever notice...
Message-ID: <001401be9f70\$031342a0\$c5added1@bill>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

>Gang:
>
>Ever notice how quiet it is when the "big mouths" are at Dayton? Actually
>I'm jealous. It's just that I had to stay here to shake the hands of over
>400 graduate students getting their advanced degrees! I'm going to

>Arlington though...

>

>Tim K5OI

>Las Cruces, NM

You got that right Tim!! I am also glad that I am no longer reading.....
"QRPP came in the mail today!" or "Got my Quarterly in Back Scratch, ND"

Jezzzzzzzzz. I got my Sunset Magazine the other day, maybe I should send
out a notice <G>.

CUL, Bill-N7MFB

Date: Sun, 16 May 1999 02:38:52 -0500
From: "Charles W. Sanders" <no5w@flex.net>
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [40530] Traveling to Santa Clara
Message-ID: <373E760C.5B7F1AD0@flex.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Hi -

I will in the Santa Clara CA area on business 5/16-20 and wonder if
there are any QRP club meetings in that area during that time? Will be
attending the PICA conference -- anyone else on this list going to be
there?

Does Elecraft gives tours ala TenTec?

Thanks for the BW
72/Chuck/N05W

Date: Sun, 16 May 1999 07:12:14 EDT
From: Elekktron1@aol.com
To: tpettibo@nmsu.edu, qrp-1@lehigh.edu
Subject: [40531] Re: Ever notice...
Message-ID: <e21c5cb9.2470020e@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Maybe my mailbox won't fill up so quickly this weekend...de KK5WL

Date: Sun, 16 May 1999 08:34:51 -0400 (EDT)
From: "L. B. Cebik" <cebik@utkux.utcc.utk.edu>
To: PDouglas12@aol.com
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [40532] Re: Good stuff at Dayton QRP Central
Message-ID: <Pine.GS0.4.10.9905160746380.867-1000000@larry.cas.utk.edu>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Sat, 15 May 1999 PDouglas12@aol.com wrote:

>Hi Gang,

>

>I would like to announce the winners of the big prizes. First of all, L.B.
>Cebik has had a heckuva weekend. First, he won the Elecraft K2, donated
>generously by Elecraft, at the end of the FDIM symposium at which L.B. gave a
>great talk about vertical antennas. And to top that off, he was inducted at
>the Banquet last night into the QRP Hall of Fame. Lots of congratulations
>from all, L.B!

First, to be placed in the company of Paul Harden, NA5N, and Dave Benson, NN1G, at the banquet Hall of Fame inductions is likely to make me insufferable for a long time. If a person is known by the company he keeps, then my reputation has been elevated by these gentlemen of the "Class of '99." Now, add to that the other 17 members in the HoF, of whom several were present, and you may understand the honor that I feel has been given me--with or without justice. To have Roy Lewallen, W7EL, as one's presenter was an honor in itself. If I may, let me add that I view the induction more as a trust for the future than a recognition of the past: I shall do what I can to continue being of whatever help I can.

Please do not fail to thanks Ken, Jim, and Scott--as well as all those who helped, participated, donated, or simply cheered--for an FDIM that continues the progression of an event into a treasured QRP tradition. I missed those who could not be there.

The true honor was being among friends, both at the FDIM events and the banquet. True, I barely escaped with my life at 5 PM after receiving the virtual K-2, and I am appreciative of the raw luck that brought it my way. (I had joked the night before at the social that a number meaning "love and kisses" could not fail to win the rig, and someone told me they did

check the box to ensure that "88" was not on all the tickets.) But I also told the group that they were--as highly esteemed as I hold them--only second on my list of honors, since my YL, Jean, N4TZP, has been and will always be my co-builder of everything good.

Equal to all of these honors were the questions and exchanges during every interlude in QRP proceedings during my stay. I hope my head was alert enough to answer all the questions posed with reasonable accuracy and utility. That is part of the bond of trust that I am trying to live up to, and I hope I never pretend to know something I have not yet learned. One thing I learned at the arena is that folks do read name tags. I had innumerable conversations with folks from around the country who have visited the web site and said thanks--and, of course, added a question or two. A few I could even answer. So I missed a few booths I wanted to visit, but found a number of new friends--a more than fair trade.

A couple of notes from the arena for the future.

I hope that a German antenna book, Rothammel's <Antennenbuch>, may be translated into English within a year or so. This compendium of antenna types and designs is a resource we all need to place next to the ARRL Antenna Book on our shelves, but so far is only available in German. I hope the ball may have started rolling for an English translation.

It also appears there may be in the coming year a prototype for a full-feature link tuner similar to the Matchbox design. Cost factors may require a bit of downsizing of capacitors so that it will handle the 100-200 watt ham rig, but I am hoping that input-side tuning can be added for greater precision of match without the super-sharp tuning (except for excessively reactive loads). No guarantees, since the unit will inevitably be more expensive than network tuners, but the advantages for parallel line installations may make the added cost and the added controls a small price to pay. We shall see with fingers crossed. Since I shall have a 2nd Matchbox soon, I shall be able to cannibalize my first one to incorporate the necessary mods at the original Johnson power capacity (and their 275 watt unit would handle almost a KW if tuned initially at low power--and who then needs to up the power anyway?).

Part of this weekend of extreme good fortune has been to see these few small steps toward some things that might help out our hobby and our group. My thanks to all who have managed to find use in my work. To those who added special words, "thanks" is too weak an expression of gratitude. Honor, progress, thanks, utility, and friendship: what a combination in a single weekend. May all of you, each and every one, have a similar experience in the not-to-distant future. You all deserve it.

LB, W4RNL

L. B. Cebik, W4RNL /\ /\ * / / / (Off) (423) 974-7215
1434 High Mesa Drive / \/ \/ ----/\---- (Hm) (423) 938-6335
Knoxville, Tennessee /\ \ \ \ / / || / (FAX) (423) 974-3509
37938-4443 USA / \ \ \ || cebik@utk.edu
 URL: http://web.utk.edu/~cebik/radio.html

Date: Sun, 16 May 1999 08:55:47 -0400 (EDT)
From: "L. B. Cebik" <cebik@utkux.utcc.utk.edu>
To: Radman <radman@best.com>
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [40533] Re: Pegasus: "Top 10 questions" ...
Message-ID: <Pine.GS0.4.10.9905160842150.867-100000@larry.cas.utk.edu>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

A note to say how much I missed seeing the Ten-Tec booth in my limited arena time. However, one of the pioneers in the panel-less rigs has been Kachina with its 505. They have a software package for control and they also have supplementary software--some independently developed. So you can gauge some of the potential of the new Ten-Tec rig by seeing what Kachina has so far done. Of course, there will be differences in both hardware and software philosophies, but until definitive data arrives on the general scene directly from Ten-Tec, the Kachina adds will give you something of the flavor. Both companies are US, incidentally.

A reminder: a QST review takes time. As Ed Hare noted at the QRP banquet, they put a rig through very rigorous and carefully conducted tests--after they receive on and after it gets its place in line. And then the report (both the QST version and the members-only long version) have to be written and then planned into the publishing schedule. So you will have to be very patient to see the lab results.

Computer control of "main station" rigs is the wave --and a big one--of the future. It will allow consolidation of all operating functions in the computer so that one hardly ever glances at the rig. Imagine contesting with CW send and receive from the keyboard on screen, automated logging--both for the contest and for other activities ranging from station records to awards chasing--rig control--possibly even with preresponse dupe checking, all modes, including every possible RTTY/packet/ PSK31/etc. option, and so on--all from one screen or many windows. Yes, it will take time to develop all the software, but it will happen. And technology is not far from roll-up displays and other things

to make portable computer operation even more feasible for the
back-packing QRPer.

Every entry into the new wave is welcome--even if I still like to warm my
hands over the glow of a vacuum tube every now and then.

-73-

LB, W4RNL

Date: Sat, 15 May 1999 21:35:24 -0400
From: "Michael St. Angelo" <mstangelo@worldnet.att.net>
To: "'w1hue@amsat.org'" <w1hue@amsat.org>, Low Power Amateur Radio Discussion
<qrp-l@Lehigh.EDU>
Subject: [40534] RE: Such is "Progress" ... :-(
Message-ID: <01BE9F7B.19437E40@121.newark-21-22rs.nj.dial-access.att.net>

I read somewhere that the most expensive part of a typical Japanese amateur radio
is the front panel design.

American companies, such as Kachina and Ten Tec are just eliminating this cost.

73, Mike N2MS

Looks like TenTec has just replaced an inexpensive microprocessor with an
expensive PC... :-)

72, Larry

Date: Sun, 16 May 1999 10:10:04 -0400
From: "George Goodroe" <goodroe@worldnet.att.net>
To: <w6toy@erols.com>
Cc: "Qrp-L@Lehigh.Edu (E-mail)" <qrp-l@Lehigh.EDU>
Subject: [40535] RE: QRP mobile?
Message-ID: <000301be9fa5\$d0241b40\$7129fea9@ggoodroe>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Hi Bruce...

a clarification...I want to listen while driving and send when parked
pretty much the same rules I apply when I use a cell phone) I just upgraded
and don't consider myself anywhere near good enough to head copy...I still
need a paper and pen <grin>

73 de KF4CPJ
George Goodroe, QRP-L #1943
St. Petersburg, Florida USA
80 Meter high noise capital of the USA <grin>
<http://home.att.net/~goodroe>
<http://www.qsl.net/kf4cpj>

-----Original Message-----
From: Bruce Muscolino [mailto:w6toy@erols.com]
Sent: Saturday, May 15, 1999 10:38 PM
To: goodroe@worldnet.att.net
Subject: Re: QRP mobile?

George,

You cannot just "hook up" a noise blanker. Noise reduction circuits are
integral parts of the radio. If they're not there in the design they
are very difficult to install. You shouldn't try to operate CW mobile
anyway -- it's dangerous, even as a passenger!

73

Date: Sun, 16 May 1999 07:32:18 -0700 (PDT)
From: Paul Erickson <paule@sfu.ca>
To: tbry37@ici.net (Thaire Bryant)
Cc: qrp-l@lehigh.edu (qrp)
Subject: [40536] Re: qrp on TS-940S
Message-ID: <199905161432.HAA06054@fraser.sfu.ca>
MIME-Version: 1.0
Content-Type: text/plain; charset=US-ASCII
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Hi Thaire,

Open the sliding door on top of the rig, and reduce the carrier level. Also, verify the power output with another wattmeter.

cheers, Paul - VE7CQK - email: paule@sfu.ca

>
> Paul,
>
> My 940 only reduces to 10 watts with the power
> controll on the front panel...
>
> Thaire W2APF
>

Date: Sun, 16 May 1999 07:55:47 -0700 (PDT)
From: Craig LaBarge <wb3gck@yahoo.com>
To: qrpl-mailing-list <qrp-l@lehigh.edu>
Subject: [40537] Re-Discovered Shortwave with a Regen
Message-ID: <19990516145547.11206.rocketmail@web706.mail.yahoo.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii

Greetings:

All this recent talk of regens finally got to me. Like many hams, I got hooked on radio as a kid through shortwave listening. In fact, I still own the old Silvertone console radio my grandmother gave me when I was a teenager. I even have a box of shortwave QSL cards around here somewhere. Anyway, since I also wanted to try my hand at the "Manhattan" style of construction, I cobbled together a version of NA5N's "PipSqueak" regen from the March 96 QRPP (and an ASCII text schematic recently re-posted to QRP-L). I had just about everything I needed in the junk box to do it.

I was amazed at how fast it went together with the Manhattan technique. My old Radio Shack nibbler did a decent job of providing the pads. I mounted the board, coil, and 9-v battery holder on a 4" X 6" piece of pine. I used a piece of copper clad board for the front panel.

I finished it up last night and attached about 10 feet

of wire which I just tossed out on the basement floor.

After I got a feel for using the regen control, I spent the next few hours re-discovering the joys of shortwave radio. I had forgotten how great the programming is on shortwave. Radio the way it was intended to be!

The PipSqueak works great but I need to take some turns off of the coil. It now covers about 3.75 to 9.00 Mhz. I will also probably etch the copper off of the front panel. In some instances, I have some hand-capacitance problems.

I think I'll probably build a Desert Ratt next. When I get it working, the PipSqueak may find it's way into the hands of one of my young nephews. Who knows... maybe it will get one of them hooked, too.

73, Craig WB3GCK

Do You Yahoo!?

Free instant messaging and more at <http://messenger.yahoo.com>

Date: Sun, 16 May 1999 07:56:55 -0700 (PDT)
From: Craig LaBarge <wb3gck@yahoo.com>
To: qrp1-mailing-list <qrp-1@lehigh.edu>
Subject: [40538] Mounting ICs Manhattan Style?
Message-ID: <19990516145655.6564.rocketmail@web701.mail.yahoo.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii

Homebrew gurus:

What's the best way to install an IC when building something "Manhattan" style? In my last project, I used a wire-wrap IC socket, made a 90 degree bend in each of the legs, and fanned them out slightly. Then I just soldered them to small pads in the usual way. It worked OK but the lead length could be shorter.

Any better ways to do this?

73, Craig WB3GCK

Do You Yahoo!?

Free instant messaging and more at <http://messenger.yahoo.com>

Date: Sun, 16 May 1999 07:18:12 -0700
From: E L D <wd7y@pyramid.net>
To: qrp-1@lehigh.edu
Subject: [40539] Travle Advice Needed
Mime-version: 1.0
Content-type: text/plain; charset="us-ascii"
Content-transfer-encoding: 7bit
Content-Transfer-Encoding: 7bit

This summer I am planning to go to Canada.
I want to take my rig and operate durning the trip.
I have never been to Canada , and I am wondering
if there is any paper work that needs to be filled
out well in advance before heading into that country???
I would sure be happy to hear from any of you that have info on this
subject.
Thanks Ed WD7Y

Date: Sun, 16 May 1999 08:33:27 -0700
From: Bill Jones <kd7s@psnw.com>
To: qrp-1@lehigh.edu
Subject: [40540] Pegasus Detractors
Message-ID: <373EE547.6880B273@psnw.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

I have to wonder if the folks carping about "a rig ain't a rig if
it don't have no knobs" also had one of those little steering
wheels attached to their car seats when they were infants.

--

=====
Bill Jones - KD7S - <><
Sanger, California

<http://www.psnw.com/~kd7s>

=====

Date: Fri, 14 May 1999 17:44:29 +0200
From: Stephane Collas <scollas@club-internet.fr>
To: qrp-l@lehigh.edu
Subject: [40541] The IC756 and FT1000...
Message-ID: <4.1.19990514174331.0093ad80@pop3.club-internet.fr>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Hello Gang,

A few weeks ago, I wrote a mail to say that I was purchased the IC756.
After 3 weeks of exploitation, I am disappointed by the Icom transceiver

- QSK is not good (a big clipping).
- display readout must to be corrected (depending the light changing during the day) in the shack.
- XTAL filters are not easy to obtain (here in France) and are very expensive. Over \$500, 500hz at 9Mhz and 250hz at 455khz.

So, the IC756 is back at the local dealer, I have purchased the Yaesu FT1000. Not the FT1000mp ! I have 200w, the built-in antenna tuner is better than in the '756. Both xtal filters (250hz, 500hz) are fitted in the FT1000.

Of course, it is quite expensive. I paid it over \$5,000. But waouh ! what a great receiver !

I can use the transceiver in QRP level (1.5w to 200w).

I would like to have any opinions from happy owners of the FT1000.

Best wishes to all, and best 73's de Steph, F5NZY.

Date: Sun, 16 May 1999 11:39:58 -0400
From: david fouchey <dafouchey@home.com>
To: kd7s@psnw.com

Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [40542] Re: Pegasus Detractors
Message-ID: <373EE6CE.EBE9056@home.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Most likely...they would REALLY hate to see what modern centralized communications systems look like then. Nary a knob in site and yet in control of hundreds of radios at locations all over the eastern US...

Dave
WA4EMR
Manager Field Operations-Communications
CSX Technology

Bill Jones wrote:

>
> I have to wonder if the folks carping about "a rig ain't a rig if
> it don't have no knobs" also had one of those little steering
> wheels attached to their car seats when they were infants.
> --
> =====
> Bill Jones - KD7S - <><
> Sanger, California
> <http://www.psnw.com/~kd7s>
> =====

Date: Sun, 16 May 1999 10:19:03 -0600
From: "Karl B. Staddon" <ve6kbs@agt.net>
To: wd7y@pyramid.net
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [40543] Re: Travel Advice Needed
Message-ID: <373EEFF7.5E8B378E@agt.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Ed: Good news, as an American you can operate in Canada without any paperwork! Set out below is the general website for the Radio Amateurs of Canada (ARRL equivalent).

<http://www.rac.ca/index.htm>

Specific advise re reciprocal licensing is at the website below - just follow the highlighted sections at the site and I think most, if not all, of your questions will be answered.

<http://www.rac.ca/rcip.htm>

Cheer de Karl B. Staddon, VE6KBS, Calgary, AB

E L D wrote:

> This summer I am planning to go to Canada.
> I want to take my rig and operate during the trip.
> I have never been to Canada , and I am wondering
> if there is any paper work that needs to be filled
> out well in advance before heading into that country???
> I would sure be happy to hear from any of you that have info on this
> subject.
> Thanks Ed WD7Y

Date: Sun, 16 May 1999 12:32:21 -0400
From: hamjoel@juno.com
To: qrp-l@lehigh.edu
Subject: [40544] I DO-DID-IT --- WITH WIRE / ROPE / TREES
Message-ID: <19990516.123223.-218531.0.hamjoel@juno.com>
MIME-Version: 1.0
Content-Type: text/plain
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

hIGHest gang:

A great step for kella and no big deal for mankind!!!
back in Louisiana I tried and tried but couldn't do it on forty
meters....
well last nite I took my little wires and rope and got my 1k miles /
watt... ssb
I even did the unthinkeable... I went down to 1/2 watt out and worked
bettern 1km/w.... ssb.... I realizzess this is no major big deal....
however it is ssumthinn I did not think I could do on forty... and never
could in louisiana....

I guess being up heah in Maine-iac land helps....
but dropping down to milli watts that nuts... but then it blends with my
personality... :-)

I guess 500mw is more intimidating than just one lone watt.... :-)
My cajun mama got sso excited she jumped in the perioque and went up and

down the bayou shouting ... the youngen did it with less than a watt....
leaving the neighbors to guess just WHAT was it I did it with...

well too much excitement got me tired
joel kella
sleeping in maine

You don't need to buy Internet access to use free Internet e-mail.
Get completely free e-mail from Juno at <http://www.juno.com/getjuno.html>
or call Juno at (800) 654-JUNO [654-5866]

Date: Sun, 16 May 1999 12:57:11 -0400
From: Ken Newman <N2CQ@citnet.com>
To: njqrp@njqrp.org, QRP-L@lehigh.edu, epaqrp-l@lehigh.edu
Subject: [40545] FIREBALL RUN I
Message-ID: <3.0.6.32.19990516125711.00891e20@mail.citnet.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

QRP Contesters and Fireballers,

Keep in mind for the FIREBALL RUN sprint comming up on Sunday
May 23 from 2000z to 2400z on 7080 Khz (Fireball frequency). You
can also use the other Fireball frequencies also on other bands.

The general rules are very similar to the QRP ARCI contests and
the details can be found at:

[http://www.njqrp.org/data/contesting.html#FIREBALL RUN I](http://www.njqrp.org/data/contesting.html#FIREBALL_RUN_I)

It doesn't matter if your Fireball hasn't been finished yet, or
you haven't ordered one yet. Either way, jump in and work someone
whether a Fireballer or otherwise.

Look for WQ2RP (NJQRP Club station) will be there to work Fireballers
and anyone else on frequency.

Put it on your calendar!!

72/73 de
Ken Newman - N2CQ
Woodbury, NJ

N2CQ@ARRL.NET

~~~NJ QRP Club Home Page ~~~  
<http://www.NJQRP.org>

~~~Club Callsign~~~  
WQ2RP

Date: Sun, 16 May 1999 13:08:55 -0400
From: Clay N4AOX <wyn@worldnet.att.net>
To: dafouchey@home.com
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [40546] Re: Pegasus Detractors
Message-ID: <373EFBA7.730A@worldnet.att.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

What may not be widely known is that Ten-Tec had a government contract to supply computer controlled, knobless radios to for CIA/NSA four, maybe five, years ago. So, they are not knobless neophytes. I think their initial marketing evaluation indicated that Hams would not like knobless units, so they are relatively late responding to that niche. If you still want knobs and a U.S. supplier, the Omni VI Plus is not a bad unit.

72/73,
Clay N4AOX

david fouchey wrote:

>
> Most likely...they would REALLY hate to see what modern centralized
> communications systems look like then. Nary a knob in site and yet in
> control of hundreds of radios at locations all over the eastern US...
>
> Dave
> WA4EMR
> Manager Field Operations-Communications
> CSX Technology
>
> Bill Jones wrote:
> >
> > I have to wonder if the folks carping about "a rig ain't a rig if
> > it don't have no knobs"

Date: Sun, 16 May 1999 10:12:41 -0700
From: "wn6hyx" <mcherry@calweb.com>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>

Subject: [40547] Fireball Run
Message-ID: <01be9fbf\$4e427260\$LocalHost@wn6hyx>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Be sure and listen for N5YA running my fireball from Texas. He's promised not to hook it up to the Alpha.

72 de
Mary wn6hyx

Date: Sun, 16 May 1999 11:32:42 -0600 (MDT)
From: "Paul Harden, NA5N" <na5n@rt66.com>
To: Craig LaBarge <wb3gck@yahoo.com>
Cc: qrp-l@lehigh.edu
Subject: [40548] Re: Re-Discovered Shortwave with a Regen
Message-ID: <Pine.SUN.4.10.9905161107390.687-100000@shell.rt66.com>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Craig,
Congratulations for getting your Pip Squeek working. I think many hams (myself included) started out as shortwave listeners, where we discovered the joy of radio. I still listen to short wave quite frequently. If you want "real" news, the good old BBC remains the Rock of Gibraltar for news. I began building regens years ago, and have given most of them away to neighbor kids. There's nothing like the expression on the face of a 10-year boy or girl as they discover a whole new world called short wave radio.

You will find the Desert Ratt is an enhanced version of the Pip Squeek, which is basically Charles Kitchin's (N1TEV) design. It is a great regen design with a soft regen action more suitable for AM detection. Thus, with your Pip Squeek working, you should be able to just add the RF amplifier and the emitter follower that drives the detector diode for some noted improvement in gain and sensitivity. The selectivity (ability to separate stations) will always be a bit poor due to the low Q of such simple coils.

Once the regen is working, it's also a fun little radio to experiment with. Feel free to add your own RF amplifier in the front end, or experiment with different types of AM detector schemes, or different

audio amplifiers. Winding different coils and knowing what the tuning range of your variable capacitor is an excellent way of learning how tuned circuits and coils work. You can even get fancy and put different capacitors in series with the variable capacitor for limiting the tuning range, which will cause the upper frequency to remain about the same, but raises the lower end frequency.

I got a phone call yesterday from Vern Wright W6MMA clarifying a couple of questions he had, as he decided to build the Desert Ratt. I got another phone call from Vern last night about 10pm with the BBC blasting away in the phone! He was listening to their 6.180MHz broadcast. Sounds like he did an excellent job building his too.

Tonight I hope to sit down with my original MK-I Mod-0 Desert Ratt (little military humor) and log the stronger stations on the 5.7-6.2MHz and 9.5-10MHz shortwave bands and will post the stations and their frequencies to qrp-l. This should help identify what band your radio is tuning, and as an aid to calibrating the dial. Vern suggested this, as those not familiar with shortwave have no idea where these stations are located (except those in the middle of the 40M Novice band ... right Sam KC5TJA?)

72, Paul NA5N

Date: Sun, 16 May 1999 11:05:51 -0700
From: "Radman" <radman@best.com>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Cc: "Paul Christensen" <paulc@mediaone.net>
Subject: [40549] Paul - W9AC's - Pegasus update...
Message-ID: <199905161803.LAA22008@proxy4.ba.best.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Folks,

Paul Christensen - W9AC - posted this report to the TenTec reflector -- from his hotel room in Cincinnati. With Paul's approval, I'm posting his on-the-scene Pegasus report to address some of the many questions. Naturally, there are numerous details that will be addressed by

TenTec as they are able to update their web page. On Monday, Paul will have Pegasus picture files (jpgs) for those wanting a closer look at this new rig.

Thanks to Paul for this fine report :)

72,

Conrad Weiss - NN6CW

Paul - W9AC- at Dayton '99 reporting on Pegasus

I wish I had Conrad's list this morning! I am now in my Cincinnati hotel room after seeing the Reds win over the Padres 6-2 at Cinergy Field!

I went back for more of Dayton this morning and left at noon when I honestly felt like I could experience no more.

For those of you planning on attending next year's Hamvention 2000, you should consider visiting the Wright-Patterson Air Force Base Museum. It's only fifteen minutes from Hara Arena and one could easily spend an entire day there learning the history of flight, the Air Force's involvement and contribution in our wars, the prelude to space exploration and an exceptional display of 90-years of aircraft.

Regarding Pegasus: these are all excellent questions and are perhaps best answered by Ten-Tec for accuracy and completeness. Pegasus is a triple-conversion receiver whose I.F. DSP is 12 kHz according to the literature I see no reason why Pegasus cannot be used in a mobile operation with a small notebook PC. Pegasus runs on 12-volts like most other Ten-Tecs and as long as your notebook runs under WIN 3.1, 95, or 98 (minimum of 486 processor) it should work fine. The control software only utilizes 1 MB of hard disk space. How they put that much GUI in 1 MB I'll never know, but it's quite impressive.

Long distance remote operation and contest logging capabilities are unknown to me. However, Pegasus uses no remote control head like the Kachina; it's a completely self-contained unit, notwithstanding the power supply, PC, antenna, key/mic., which leads me to believe that it is not intended for complex, remote control

applications...only as a local transceiver. This is fine with me so long as QSK is excellent and at \$895.00 I wouldn't expect it to.

One of Kachina's limitations is that CW QSK may never be very good as long as it supports long-distance remote control communications. Transmission delays will most certainly preclude excellent QSK characteristics.

A few more features from Ten-Tec's Dayton literature:

- VFO has 12 tuning rates
- 1000 memories or more, limited only by the RAM in your PC
- Spectrum Sweep gives you a snapshot of the entire band in seconds.
- Tailor the sound of your transmitted sideband transmission with 15 different bandwidths!
- 34 DSP filters built in. Pick any eight for your front panel and change them any time at a click of the mouse. 25 choices from 1050 to 8000 Hz bandwidth and nine more from 300 to 900 Hz for CW and DIGITAL MODE ENTHUSIASTS!.
- Dual VFOs with Split feature
- RIT/XIT
- PBT
- Adjustable AGC
- Variable CW offset with auto-tracking side-tone
- QSK for CW and AMTOR/PACTOR
- Receives from 100 kHz to 30 MHz

Weight: 9 lbs

Size (HWD) 10.75" x 5.125" 11.5"

-Paul, W9AC

Date: Sun, 16 May 1999 02:24:23 -0400
From: "Harry T. Hurst, WA3PTG" <hhurst@delaware.infi.net>
To: <wb3gck@yahoo.com>, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [40550] Re: Re-Discovered Shortwave with a Regen

Message-ID: <002201be9f64\$bfd36200\$164b9ace@hhurst>

MIME-Version: 1.0

Content-Type: text/plain;
charset="iso-8859-1"

Content-Transfer-Encoding: 7bit

Content-Transfer-Encoding: 7bit

That's not a bad idea -- passing the radio along to a young'un.

I built two "W1FB - like" regens here, one to listen to, and the second to "improve" until it doesn't work. Then I can add all but the last "improvement" to the first one. At this point I ususally lose interest, so giving it away is the logical thing to do.

72 de wa3ptg

Date: Sun, 16 May 1999 02:27:02 -0400

From: "Harry T. Hurst, WA3PTG" <hhurst@delaware.infi.net>

To: <kd7s@psnw.com>, "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>

Subject: [40551] Re: Pegasus Detractors

Message-ID: <002b01be9f65\$1f8cff80\$164b9ace@hhurst>

MIME-Version: 1.0

Content-Type: text/plain;
charset="iso-8859-1"

Content-Transfer-Encoding: 7bit

Content-Transfer-Encoding: 7bit

If I want to communicate using a computer, I'll do it on the internet.

Date: Sun, 16 May 1999 11:51:40 -0700

From: ki6ds@dpol.k12.ca.us (Hendricks, Doug)

To: <qrp-l@lehigh.edu>

Subject: [40552] Manhattan Style IC Pads

Message-ID: <01be9fcd\$22772be0\$630a0d0a@doug.dpol.k12.ca.us>

MIME-Version: 1.0

Content-Type: text/plain;
charset="iso-8859-1"

Content-Transfer-Encoding: 7bit

Content-Transfer-Encoding: 7bit

Guys, here is the way that I mount IC's when I am building Manhattan style (thanks Jim Kortge for introducing me to that method). I prepare a "large IC Pad", which is simply a 3/4" x 3/4" pad that has been sectioned into separate areas for the 8 pins. Here is a rough drawing.

```
-----  
:      :  :  :      :  
:      :  :  :      :  
-----  
:      :  :  :      :  
:      :  :  :      :  
-----
```

I prepare the pad by taking a hacksaw and carefully cut a line down the middle of the pad through the copper, then I turn the pad 90 degrees and cut another line down the middle. Then, two lines are cut 1/8" from the center line, one on either side. Voila, now you have a pad to solder the IC socket to. Just bend the legs out 90 degrees, set the socket down and solder. Now you can change chips, etc, all the advantages of a socket. If you don't have a socket you can also use this method with the IC directly, but I like to use sockets. Works like a champ for me. If you have a 14 or 16 pin IC, just scale the length of the pad.

I also got a call from Vern last night. He was very excited to have his new radio up and working. This regen contest at Hamcom is gonna be something to see. I am very anxious to see all of the entries, and have heard from several including a couple of guys from England who are going to be there. See you in HamCom which is only 26 days away!! 72, Doug, KI6DS

```
-----  
Date: Sun, 16 May 1999 02:48:35 +0100  
From: "Bob Duckworth" <wb4mnf@atl.org>  
To: <hhurst@delaware.infi.net>, "Low Power Amateur Radio Discussion" <qrp-  
l@Lehigh.EDU>  
Subject: [40553] Re: Pegasus Detractors  
Message-ID: <199905161847.0AA16292@hat-trick.atl.org>
```

```
-----  
| From: Harry T. Hurst, WA3PTG <hhurst@delaware.infi.net>  
| To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>  
| Subject: Re: Pegasus Detractors  
| Date: Sunday, May 16, 1999 7:27 AM  
|
```

| If I want to communicate using a computer, I'll do it on the internet.

|

I can hear some of Marconis contemporaries now,
"If I want to communicate over a distance, I'll do it on a wire."

-bob

Date: Fri, 14 May 1999 21:04:17 +0200
From: Stephane Collas <scollas@club-internet.fr>
To: qrp-l@lehigh.edu
Subject: [40554] FT1000...
Message-ID: <4.1.19990514210353.009352d0@pop3.club-internet.fr>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Hello Gang,
Anyone can tell me how to adjust the s-meter level ?
It is very lazy, about 10db, to my opinion.
73's de Steph, F5NZY.

Date: Sun, 16 May 1999 14:03:02 -0600
From: "Frank Emens" <femens@advicom.net>
To: qrp-l@Lehigh.EDU
Subject: [40555] Pegasus & Luddites
Message-ID: <199905161902.0AA02365@vespucci.advicom.net>
MIME-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7BIT
Content-Transfer-Encoding: 7BIT

I guess I napped through the first releases about the Pegasus xcvr.
The first word I seem to have found is the chorus of "ugh's" from the
Luddite crowd. Can someone fill me in on status and availability of
the box? How do I get to the tentec reflector? I wanna know more.
73,
Frank Emens, W4HFU, Huntsville, Alabama
femens@advicom.net

Date: Sun, 16 May 1999 12:02:21 -0700
From: "ALAN KAUL" <alan.kaul@worldnet.att.net>
To: "qrp-1" <qrp-1@lehigh.edu>, <na5n@rt66.com>
Subject: [40556] Re: Re-Discovered Shortwave with a Regen
Message-ID: <19990516190318.DMKV25377@oemcomputer>
MIME-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Paul, et al

Calibrating the regen can get an assist from the internet, too...
if you're looking for BBC frequencies and schedules, for example, you might try

<http://www.bbc.co.uk/worldservice/tuning/>

if you're interested in Arnie Coro's SW program on Radio Havana, try

<http://www.radiohc.org/Distributions/Dxers/dxsked.html>

And there are others whose schedules/frequencies/etc., are avbl on the internet....

One other thing you might try is loosely coupling a frequency counter to the oscillator circuit, which will give you an indication of where your receiver is.

Happy listening! And best 72/73

Alan Kaul, W6RCL, LaCanada-Flintridge, CA
<http://home.att.net/~alan.kaul/qrp.html>
alan.kaul@worldnet.att.net
w6rcl@amsat.org

Date: Sun, 16 May 1999 15:00:26 -0400
From: david fouchey <dafouchey@home.com>
To: wb4mnf@atl.org
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [40557] Re: Pegasus Detractors
Message-ID: <373F15CA.6E71FDF8@home.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii

Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

but you see that's what's GOOD about this, each of us CAN communicate in the way we wish. Some of us LIKE the latest gadgets and gizmos, others feel more comfortable with the tried and true. Fellas and Ladies there is plenty of room for both. don't get your blood pressure in a boil over something this minor. Save it for some of the garbage that you hear on the bands instead...

73's
Dave WA4EMR

Bob Duckworth wrote:

```
>
> -----
> | From: Harry T. Hurst, WA3PTG <hhurst@delaware.infi.net>
> | To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
> | Subject: Re: Pegasus Detractors
> | Date: Sunday, May 16, 1999 7:27 AM
> |
> | If I want to communicate using a computer, I'll do it on the internet.
> |
>
> I can hear some of Marconis contemporaries now,
> "If I want to communicate over a distance, I'll do it on a wire."
>
> -bob
>
>
```

Date: Sun, 16 May 1999 15:12:00 -0400
From: Hal Maney <hmaney@earthlink.net>
To: radman@best.com
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [40558] Re: Paul - W9AC's - Pegasus update...
Message-ID: <373F1880.6A80761C@earthlink.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Radman wrote:

```
>
> Folks,
>
```

> Paul Christensen - W9AC - posted this report to the TenTec
> reflector -- from his hotel room in Cincinnati. With
...
> with a small notebook PC. Pegasus runs on 12-volts like
> most other Ten-Tecs and as long as your notebook runs
> under WIN 3.1, 95, or 98 (minimum of 486 processor) it
> should work fine. ...

I wonder if they'll be making the interface info available
so that control interfaces can be developed for open systems
like Linux?

Hal

--

Hal Maney, K1HM
maney@ieee.org

Date: Sun, 16 May 1999 15:37:28 -0400
From: "Wilford D. Lindsey" <70511.3041@compuserve.com>
To: QRP-L Discussion Group <QRP-L@Lehigh.edu>
Cc: "W.D.(Doc)Lindsey/K0EVZ" <70511.3041@compuserve.com>
Subject: [40559] Help:Opinions on RX 3-amp supply
Message-ID: <199905161540_MC2-75DD-9ADE@compuserve.com>
MIME-Version: 1.0
Content-Transfer-Encoding: 7bit
Content-Type: text/plain; charset=us-ascii
Content-Disposition: inline
Content-Transfer-Encoding: 7bit

Gang:

I believe this subject has been pursued already, probably ad nauseum. But
here goes for a short thread--What do you think about the smallish Radio
Shack 3-amp power supply?

Looks good, is designed for portable use, has its own case, price seems
reasonable. But how well will it power the NC-20 and other such rigs?
Gotta have one that is quiet and yet good enough for heavy current drain,
including the Sierra at 5 watts with the Funkamateur PA (2 amps!).

Opinions, anyone?

72,
--Doc Lindsey/K0EVZ
DSBF

PO BOX 7187
Bismarck, ND 58507
70511.3041@compuserve.com

Date: Sun, 16 May 1999 21:49:24 +0200
From: "Peter Zenker" <Peter_DL2FI@csi.com>
To: <cebik@utkux.utcc.utk.edu>, "'Low Power Amateur Radio Discussion'" <qrp-
l@lehigh.edu>
Subject: [40560] AW: Good stuff at Dayton QRP Central
Message-ID: <000001be9fd6\$559e2d80\$868db8d4@zenkerpn>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

L.B., take the heartly congratulations of the German QRP Gang DL-QRP-AG.
Lots of the antenna-stuff you offer so often and so helpful is used by us
here allthough we have that great book of Karl Rothammel, DM2ABK in native
language.

I hope you get a chance to have an English translation, it would be an
enrichment.

72 de Peter, DL2FI
In the name of DL-QRP-AG

> A couple of notes from the arena for the future.
>
> I hope that a German antenna book, Rothammel's <Antennenbuch>, may be
> translated into English within a year or so. This compendium
> of antenna
> types and designs is a resource we all need to place next to the ARRL
> Antenna Book on our shelves, but so far is only available in
> German. I
> hope the ball may have started rolling for an English translation.
>
>

Date: Sun, 16 May 1999 15:59:27 EDT
From: W5HNS@aol.com
To: qrp-l@lehigh.edu
Subject: [40561] Post Apology
Message-ID: <c22b85c1.24707d9f@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

One of my family members recently posted a "spam" type message using this terminal's entire address book. Unfortunately QRP-L was included. Hopefully it was culled out. If not...my apologies.

Henry W5HNS

Date: Sun, 16 May 1999 13:01:17 -0700
From: "Radman" <radman@best.com>
To: <70511.3041@compuserve.com>, "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [40562] Re: Help:Opinions on RX 3-amp supply
Message-ID: <199905161959.MAA04115@proxy4.ba.best.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Doc,

There's a number of us using the RS switcher to power the K2 and charge its internal battery. I've done some serious load testing on it -- 3.1A, constant current for 30 minutes! It warmed up, but did a fine job. You'll hear some low-level switching spurs down on 80 and 160 meters -- but, they're ~ 100kHz apart IF you hear them at all. I've never heard anything but praise for this PS.

At the sale price of \$39.95 it's real deal, IMO :)

RS gives you a 30 day approval -- go for it,

Conrad - NN6CW

From: Wilford D. Lindsey <70511.3041@compuserve.com>
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: Help:Opinions on RX 3-amp supply
Date: Sunday, May 16, 1999 12:37 PM

Gang:

I believe this subject has been pursued already, probably
ad nauseum. But
here goes for a short thread--What do you think about the
smallish Radio
Shack 3-amp power supply?

Looks good, is designed for portable use, has its own
case, price seems
reasonable. But how well will it power the NC-20 and
other such rigs?
Gotta have one that is quiet and yet good enough for heavy
current drain,
including the Sierra at 5 watts with the Funkamateur PA (2
amps!).

Opinions, anyone?

72,
--Doc Lindsey/K0EVZ
DSBF
PO BOX 7187
Bismarck, ND 58507
70511.3041@compuserve.com

Date: Sun, 16 May 1999 16:09:37 EDT
From: W5HNS@aol.com
To: TDXS-List@n5uh.tech.uh.edu, qrp-1@lehigh.edu, countyhunters@qth.net,
CQcontest@contesting.com
Subject: [40563] Texas QSO Party Route:WA8GHZ
Message-ID: <d4524d56.24708001@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Subj: TXQP: WA8GHZ/M/5 Draft Route
From: jdougher@wt.net (WA8GHZ)

Ebanos is a human powered ferry boat across the RiyoGrahnday that the

XYL has her heart on riding. About 8 guys pull this barge (that holds 2 autos) across the 75-yard river by pulling/man-handling a 3-inch thick rope - Quite a sight, and hope to experience it Sat. night or Sunday morning. If we're not on the air Sunday A.M., I'll be searching for a radio-equipped GMC pickup with antennae on the bottom of the river.....

So general plan is to start TXQP at 9AM Saturday from Victoria, drive South to McAllen, then turn back North for possible Sat. night in Rio Grande City on the border. Then, Sunday, back North in a circle to Victoria and Houston. Any extra time, we'll double back to catch the odd neighboring county.

COUNTY PLAN (in order):

Victoria
Refugio
San Patricio
Nueces
Jim Wells
Brooks
Hidalgo
Starr (OVERNIGHT SAT. STOP)

=====

Zapata
Jim Hogg
Duval
McMullen
Live Oak
Bee
Goliad
Victoria
Jackson
Wharton
Fort Bend
Harris (Houston)

BAND PLAN: Mostly 20M unless 10 opens good.

RIG PLAN:

IC-706, Bug-Catcher, Worth-More 400W Amp, Key by Kent, K-3 Keyer by Idiom Press, and Maybe EQF logging if my new laptop isn't a QRN generator :)

Plan on 400 Watt CW Ops with the longest call sign in the event. Will post any last minute changes to the plan.

73

WA8GHZ /5 /M /County

Jack (and Ann the Driver/Coach/Nourishment Executive)

Date: Sun, 16 May 1999 16:19:16 EDT
From: Wa2ocg@aol.com
To: qrp-1@lehigh.edu
Subject: [40564] Address for K0EVG
Message-ID: <3a153ab4.24708244@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Does anyone know the current address for the real K0EVG?

Thanks.

Michael
WA2OCG

Date: Sun, 16 May 1999 15:24:31 -0500
From: mahlon.r.haunschild@ac.com
To: qrp-1@Lehigh.EDU
Subject: [40565] I get "Bugged" at Dayton '99 and other random thoughts
Message-ID: <86256773.006FDABA.00@amrh1101.ac.com>
Mime-Version: 1.0
Content-type: text/plain; charset=us-ascii
Content-Disposition: inline

Hi, QRP-land.

I thought I would toss in a random thought or two about Dayton '99 while I am sitting here in the Dayton Int'l airpatch waiting on my flight to DC. I've been making the trip for almost fifteen years now, with rare exceptions. One thing that I do every time I go is I make it a point to buy something in the flea market that I have absolutely no immediate use for but is fun and neat to look at. This year, I've topped myself.

But first, a bit of family history.

When I was knee-high to a grasshopper, one of the things my family used to do for vacation was travel to Lockwood, MO to visit my grandfather. The Frisco railroad (now part of BNSF) had a train order clerk stationed inside the passenger station there, and his office was completely equipped with double

semaphore, train order sticks, and most importantly the MOST impressive array of railroad telegraph equipment you ever wanted to see. For all I know, it had been there since the turn of the century or more. But, sitting in the middle of it all was a chrome Vibroplex Original. I used to peek in the windows, look at it and just drool. After all, there wasn't very much else to do in a town of 600 people! All of this is long gone now, of course. I sometimes wonder what happened to it all.

Fast forward to May 1999...

As I was wandering the flea market aisles this morning, I spied a Vibroplex Original Deluxe, missing the speed weight, damper wheel, with some bits of solder 'n' a few machine nuts sitting on the pendulum rod, just sitting there on some guy's table and just generally looking neglected. But, says I, the chrome looks pretty good, the parts are available, etc. etc. (now I'm sure that ALL of you have had conversations like that in your heads at one time or another!). I name a "fair" offer (considering the cost of the parts). Guy at the booth says, "Well, it's not mine, so I really can't say, but hell take ("fair" offer plus 50%). I say that I'll think about it and walk away. An hour later I come back, re-state my "fair" offer and the owner (who has returned in the meantime) says, "Sure!"

I hate it when that happens.... OK, well, not really!

So, now I own a Vibroplex Original Deluxe bug, for which I have already bought a new speed weight/setscrew and the itty bitty plastic bit that plugs the screw hole in the top of the mainframe. I will order the damper parts tomorrow or Tuesday and go over it with auto polish & paste wax. So, now after years of straight keys and Accu-Keyer/Bencher/Curtis8044/TiCK morse sending implementations, I am now "bugged". I am so happy. Another wonderful Hamvention.

Oh, yeah... Saw the Elecraft K2 for the first time ever. I want one. I wannit. I WANNITTT!!!!!! And I don't even know why!

OK, enough foaming at the mouth. See ya.

Mahlon - N4EEE

Date: Sun, 16 May 1999 15:42:14 +0000
From: "Steven Weber" <kd1jv@moose.ncia.net>
To: qrp-l@lehigh.edu
Subject: [40566] Re: regens

Message-ID: <199905162026.QAA29884@moose.ncia.net>
MIME-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7BIT
Content-Transfer-Encoding: 7BIT

> From: ki6ds@dpol.k12.ca.us (Hendricks, Doug)
> This regen contest at Hamcom is gonna be something to see.

It's gonna be something to hear too, with all those regens squeeling away! Probably chase all the rodents out for miles :-) How many you figure will be in Altiods tins?

Speaking of regens, I have a nice antique one that had been nicely restored. Bought at a local auction a few years back. Had to out bid the antique dealers and don't want to think about what I ended up paying for it :-). It's a homebrew jobbie from the '30's or late 20's, in a nice big wooden box, Crosley-Cook "pancake" tuning condenser, "Spider web" coils (these are pretty neat, flat spiral wound on a multi spoke frame. The regen coil slides in and out on a wooden dowel for regen control) Two, #30, 4 pin tubes. Even came with the original headphones. Best radio in my antique AM tube radio collection. Someday I'll have to string 10, 9V batteries together for the B+ and see if it really works, like the note inside says it does.

72,
Steve, KD1JV in the white Mountains of New Hampshire
"melt solder"

Date: Sun, 16 May 1999 15:49:15 -0500 (CDT)
From: PHILLIPS RICHARD <phillips@msoe.edu>
To: QRP-L <qrp-l@lehigh.edu>
Subject: [40567] Bristol
Message-ID: <Pine.OSF.3.96.990516154115.16432A-100000@torres.msoe.edu>
Mime-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

I have a Collins 75S-3C which uses splined set screws in all the knobs and shaft collars. Where can I get splined type screw drivers to remove or re-position these knobs (required for alignment)? These are not Torx (or is it Torqx) head screws. I have tried the local hardware stores, hobby shops and Sears. I also tried an automotive supply store (Napa). Most clerks give me a blank stare. I thought these were called Bristol screws years ago but I may be wrong about that. I know there are some Collins people on this list that can help me.

Thanks, Rich, AA9L

Richard Phillips
Lab Technician
Milwaukee School of Engineering
414-277-7388, phillips@msoe.edu

Date: Sun, 16 May 1999 15:51:36 -0500 (CDT)
From: PHILLIPS RICHARD <phillips@msoe.edu>
To: QRP-L <qrp-l@lehigh.edu>
Subject: [40568] DOS PSK31
Message-ID: <Pine.OSF.3.96.990516154927.16432B-1000000@torres.msoe.edu>
Mime-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Are there any DOS versions of the PSK31 software for PC sound cards?
Most I've seen are for those Motorola evaluations boards.
Thanks, Rich, AA9L

Richard Phillips
Lab Technician
Milwaukee School of Engineering
414-277-7388, phillips@msoe.edu

Date: Sun, 16 May 1999 17:03:03 -0400
From: "Arch Jenkins" <beaks@westco.net>
To: "qrp-l" <qrp-l@Lehigh.EDU>
Subject: [40569] Who had the B&W antenna?
Message-ID: <000701be9fdf\$7d920ec0\$21dc0bd0@default>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

A day or two back someone listed a B&W all band antenna for sale...thought I saved the message but guess I didnt, my friend is looking for that type of antenna if its still available.
Thanks!
Arch N8EAG
beaks@westco.net

Date: Sun, 16 May 1999 21:45:54 +0000
From: Brian Short <bshort@speedchoice.com>
To: qrp-1@lehigh.edu
Subject: [40570] Re: Ever notice...
Message-ID: <4.1.19990516214513.01b247a0@mail.phoenix.speedchoice.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

>Ever notice how quiet it is when the "big mouths" are at Dayton? Actually
...

All but one.

--
Brian K. Short <http://www.qex.net/k7on/> <mailto:k7on@arrl.net>
--

Date: Sun, 16 May 1999 16:45:04 -0500
From: mahlon.r.haunschild@ac.com
To: qrp-1@Lehigh.EDU
Subject: [40571] I get "Bugged" at Dayton '99 and other random thoughts (reprise)
Message-ID: <86256773.00773A9C.00@amrhm1101.ac.com>
Mime-Version: 1.0
Content-type: text/plain; charset=us-ascii
Content-Disposition: inline

I can't believe it.

I've just checked the serial number of my brand-new (to me) bug against John Elwood's list.

Get this... the key and I are the same age. IT'S AS OLD AS ME!!!!!!

What a hoot! I don't think I'll ever sell it.

ROTF in Dayton, L,

Mahlon - N4EEE

Date: Sun, 16 May 1999 17:47:57 -0400
From: Tom M <tjmc@erols.com>
To: QRP-L <qrp-l@lehigh.edu>
Subject: [40572] Tokyo Hy-Power HT 750; qrp ht review
Message-ID: <373F3D0D.4301444E@erols.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

I didn't go to Dayton due to having spent all my money prior to the date...

On a Tokyo Hy-Power HT750.

For those that are interested, here's the basic info.
It's been around since 93-94 and was imported at time by a company (an old ad in CQ maz in 93) but no longer... now it's direct purchase only.

<http://www.thp.co.jp/>

HT form abt 2.75w x 2d x 7.5h " , 1.5 lbs with 8aa batteries
Covers 7 to 7.3, 21 to 21.5, 50 to 50.5mhz
Modes of CW and LSB/USB
Output of 3w (2w on 6m)
Current draw of 100ma rx / 1.5a tx
BNC connector with one 3' tele whip and 3 loading coils for the bands
external jacks for key; 1/8"/speaker mike/ 13.8 power via 2.5 coaxial plug
Freq display in 100khz, 1khz, 20hz steps
RIT +/- .5khz

I got to play today with it for the first time. So, here's a quick review.

The function button and tuning knob steps through all the bands/modes/etc, so it's easy to operate without reading the booklet. (As like most of us, I didn't look at the manual except to make sure of the external power draw for a fuse (they supply an external jack/wire/fuse with the proper coax plug but my regular 2.5mm fit fine tho long))

Using 12v from 7ah power pack and basic antennas supplied;

Tuning on 40m, it sounds great. The steps (buttton push to toggle)allow you to move around quickly while still slowing down to tune right. It

sounds busy in the novice bands (quiet around .04)and I make a few local contacts NY/Fl/Ohio... good reports for 3w and a telescopic antenna at the kitchen table esp in daytime. The HT worked fine with a Tick keyer and it has a side-tone (can be turned off).
Nice feature of a variable cw tx delay break in... from .1 to 1 sec in ten steps. If needed, the PTT from either the internal/external mike can be used

Up to 15m. I figured to try USB with the speaker mic (the jacks are the standard mini/sub mini sidebyside found on most HT mics) Change of loading coils gets me good rx, so on to tx. I hear a station calling CQ on 21.239 and reply. 3 times and I get past the others. A nice QSO with Martin, EI8GP... He couldn't believe it when I told him it was an HT with a 3ft antenna. A check into DX net gets me FL (control)and I could hear the others SM5/XE1/ON4 but ng for me to SM5...I cked out to look around.

On 6m, Nothing ... rx picks up some noise but no one. 6m prob not to popular for CW/SSB. (but then I didn't hear any on my 847 either this past week).

So, CW works well, SSB works well. I see it as good for 2 bands 40/15m which usu one is working. RX seems to be on par with most small rigs (as good as my Oak Hill and SG 2020) Haven't tried it with an external antenna or on a busy band yet so can't tell how well it rejects the nearby/strong signals (xyl came home early..forced back to yard work but will play tonite/tomorrow).

I put it in a case with my key and the antennas(also small wire dipole/rg174) and the speaker mic size of 10x3x6".... Nice little package for all equip needed.

That's it for now

73

Tom AA2VK

Date: Sun, 16 May 1999 21:54:35 +0100
From: "Tony Fishpool" <g4wif@btinternet.com>
To: "Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>
Subject: [40573] Re: Regens
Message-ID: <000e01be9fde\$c0b695a0\$c93eac3e@p75>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

When Doug KI6DS first proposed the Hamcom regen building contest, I felt a little underwhelmed. I had tried regens in my early years and not got very far (well let's be truthful, they didn't work!). Spurred on by the superb performance of the G3MFJ entry I got stuck in the weekend and built one using a different design. Boy, these receivers really do work!

With only a couple of yards of wire as an aerial, I was hearing a station in the broadcast band that purported to be coming from California. The design is of course, top secret until the judging (well I don't want to give Doug any hints). :-)

Regens ought to be on the list of things for a novice to build so as to increase their confidence to go onto more advanced projects.
Thanks to Doug for making me a believer!

72
Tony - G4WIF

Date: Sun, 16 May 1999 22:12:15 GMT
From: "Richard Arland" <r_arland@hotmail.com>
To: qrp-l@lehigh.edu
Subject: [40574] On The Road Again
Message-ID: <19990516221215.79936.qmail@hotmail.com>
Mime-Version: 1.0
Content-type: text/plain; format=flowed;

Tricia and I are going on a 2 wk vacation starting Friday evening, May 28th going to the Atlanta area (Snellville) to visit our daughter, Wendy (KB4UNT) for a week and attend the Atlanta Hamfest on June 5th. I hope to see some of the N. Ga QRP Group at that event.

Then it is on to Lackland AFB (San Antonio) Texas to attend my son-in-law, Kyle's (KF4TIV) graduation from basic training. We will be in the San Antone area from Tuesday thru Friday (8-11 June) and would like to meet some of the local QRPers. I will have 2 meters in the Outback and a 40 meter CW QRP rig with me to operate from the BAQ on base.

If anyone is interested in getting together to talk QRP, leave me a private e-mail at my "Hotmail" account.

73 Rich K7SZ

Get Free Email and Do More On The Web. Visit <http://www.msn.com>

Date: Sun, 16 May 1999 06:16:43 +0100
From: "Bob Duckworth" <wb4mnf@atl.org>
To: <hmaney@earthlink.net>, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [40575] Re: Paul - W9AC's - Pegasus update...
Message-ID: <199905162215.SAA16947@hat-trick.atl.org>

Hal et al.

With an open source radio, one may reasonably fix hardware or software problems without depending on microsoft or tentec. Face it, it's not worth reengineering a radio this complicated to make a repair and at the same time, it's not so complicated that someone else wishing to manufacture a clone would be put off by not having source.

So, hopefully, it will come with a CD with all source code, or at least have that as a reasonably priced option. Sort of a hardware/software technical manual.

-bob
WB4MNF
Atlanta

Date: Sun, 16 May 1999 22:24:49 +0100
From: "Graham Firth" <Graham.Firth@BTinternet.com>
To: <qrp-1@lehigh.edu>
Cc: "Doug Hendricks" <ki6ds@dpol.k12.ca.us>
Subject: [40576] Regens - again
Message-ID: <017601be9fe9\$ea8f2a80\$02010080@graham>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Hi

This regen stuff is real fun. It's amazing what you can receive on just a couple of transistors and no ICs! Here in the UK, we have all the Continent and the Near East on the 49 & 41 metre bands and there is loads of stuff to hear, so I am really looking forward to bringing

it over to see what you can hear on short waves over in the US of A.

My first attempt at a regen was unbelievably successful and it looks really good in it's silver anodised case, but I'm having another go at an improved one in a nice green anodised case.

I've just got to beat that Hendricks feller!

72/3

Graham

G3MFJ/W3MFJ

End of QRP-L Digest 1459

